FIG. 1

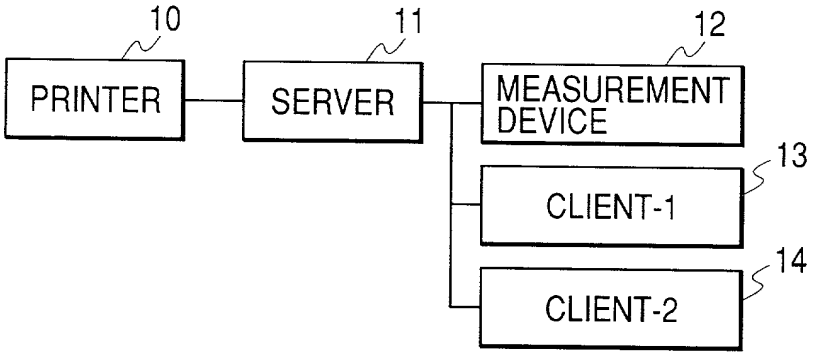
10
11
12
PRINTER
SERVER
MEASUREMENT DEVICE
13
CLIENT-1
14
CLIENT-2

FIG. 2

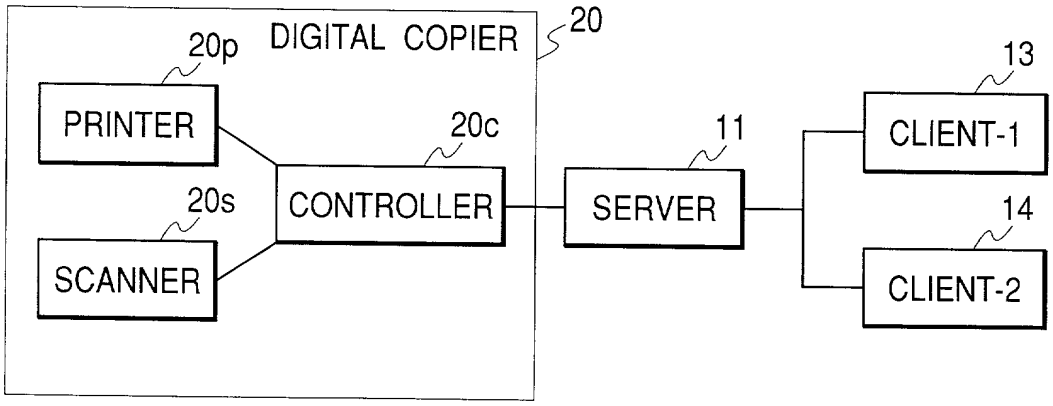
DIGITAL COPIER
20
20p
PRINTER
20s
SCANNER
20c
CONTROLLER
11
SERVER
13
CLIENT-1
14
CLIENT-2

FIG. 3

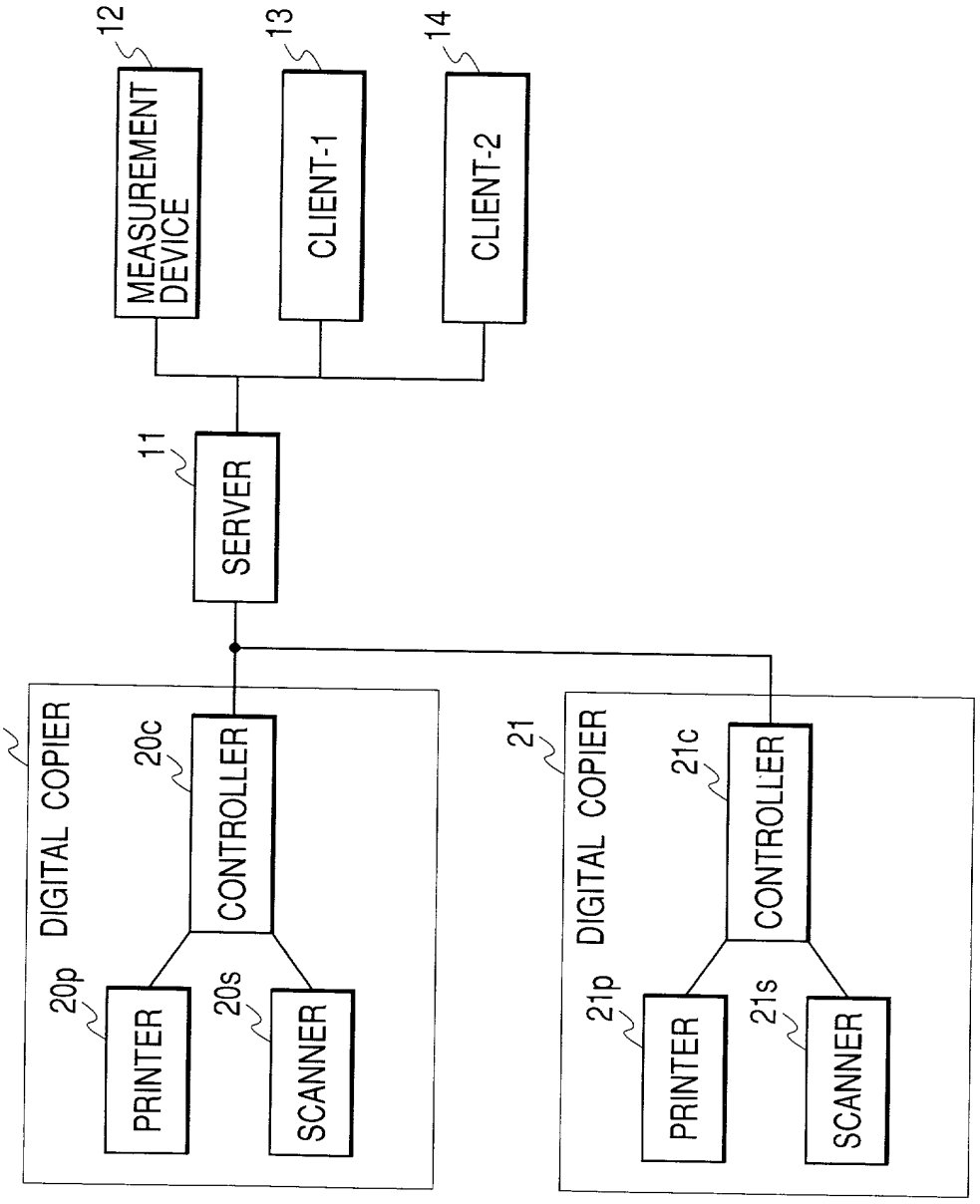
12
MEASUREMENT DEVICE
13
CLIENT-1
14
CLIENT-2
11
SERVER
20
DIGITAL COPIER
20c
CONTROLLER
20p
PRINTER
20s
SCANNER
21
DIGITAL COPIER
21c
CONTROLLER
21p
PRINTER
21s
SCANNER

FIG. 4

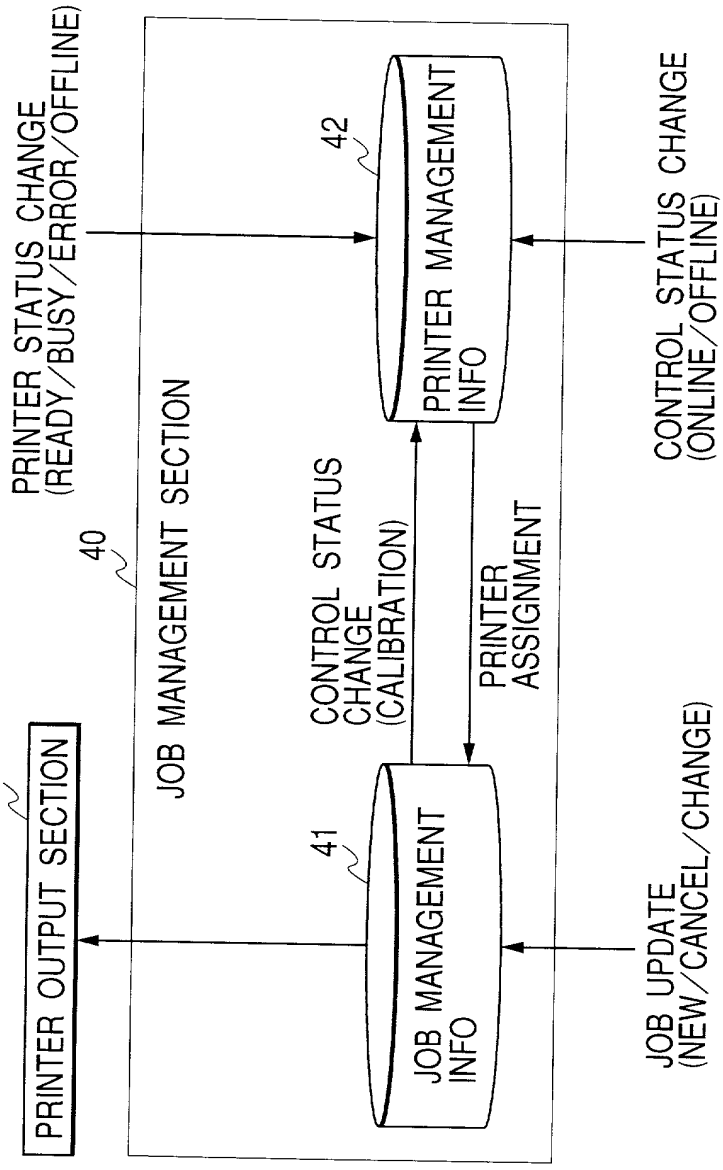
PRINTER STATUS CHANGE
(READY/BUSY/ERROR/OFFLINE)
40
JOB MANAGEMENT SECTION
42
PRINTER MANAGEMENT
INFO
CONTROL STATUS CHANGE
(ONLINE/OFFLINE)
CONTROL STATUS
CHANGE
(CALIBRATION)
PRINTER
ASSIGNMENT
43
PRINTER OUTPUT SECTION
41
JOB MANAGEMENT
INFO
JOB UPDATE
(NEW/CANCEL/CHANGE)

FIG. 5

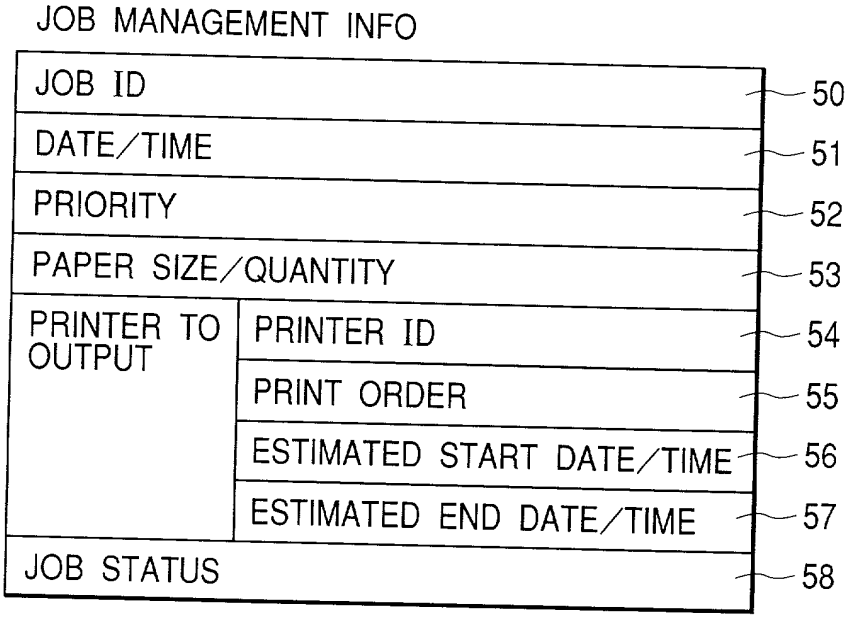
JOB MANAGEMENT INFO
JOB ID
50
DATE/TIME
51
PRIORITY
52
PAPER SIZE/QUANTITY
53
PRINTER TO OUTPUT
PRINTER ID
54
PRINT ORDER
55
ESTIMATED START DATE/TIME
56
ESTIMATED END DATE/TIME
57
JOB STATUS
58

FIG. 6

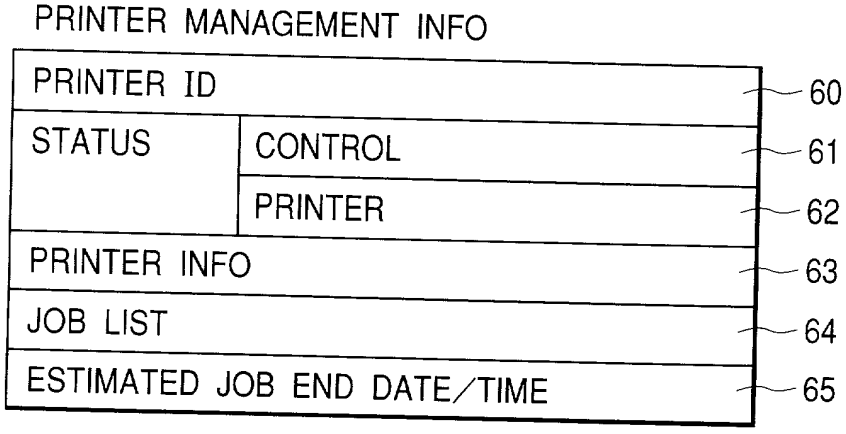
PRINTER MANAGEMENT INFO
PRINTER ID
60
STATUS
CONTROL
61
PRINTER
62
PRINTER INFO
63
JOB LIST
64
ESTIMATED JOB END DATE/TIME
65

FIG. 7

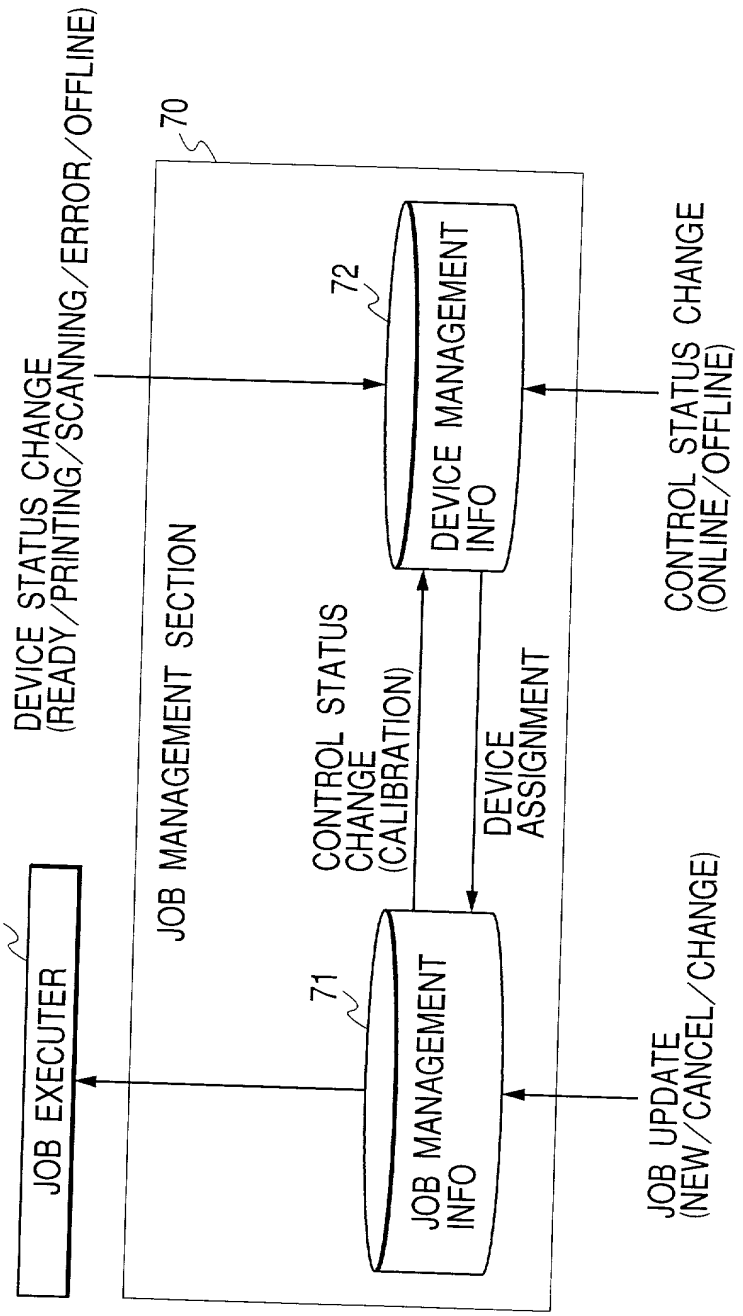
DEVICE STATUS CHANGE
(READY/PRINTING/SCANNING/ERROR/OFFLINE)
70
JOB MANAGEMENT SECTION
72
DEVICE MANAGEMENT INFO
CONTROL STATUS CHANGE
(ONLINE/OFFLINE)
CONTROL STATUS CHANGE
(CALIBRATION)
DEVICE ASSIGNMENT
73
JOB EXECUTER
71
JOB MANAGEMENT INFO
JOB UPDATE
(NEW/CANCEL/CHANGE)

FIG. 8

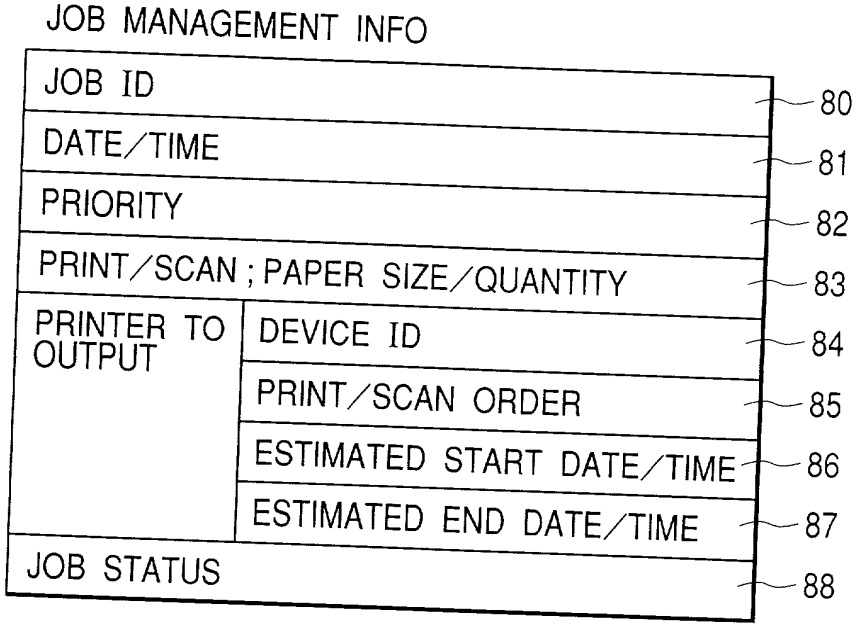
JOB MANAGEMENT INFO
JOB ID
80
DATE/TIME
81
PRIORITY
82
PRINT/SCAN ; PAPER SIZE/QUANTITY
83
PRINTER TO OUTPUT
DEVICE ID
84
PRINT/SCAN ORDER
85
ESTIMATED START DATE/TIME
86
ESTIMATED END DATE/TIME
87
JOB STATUS
88

FIG. 9

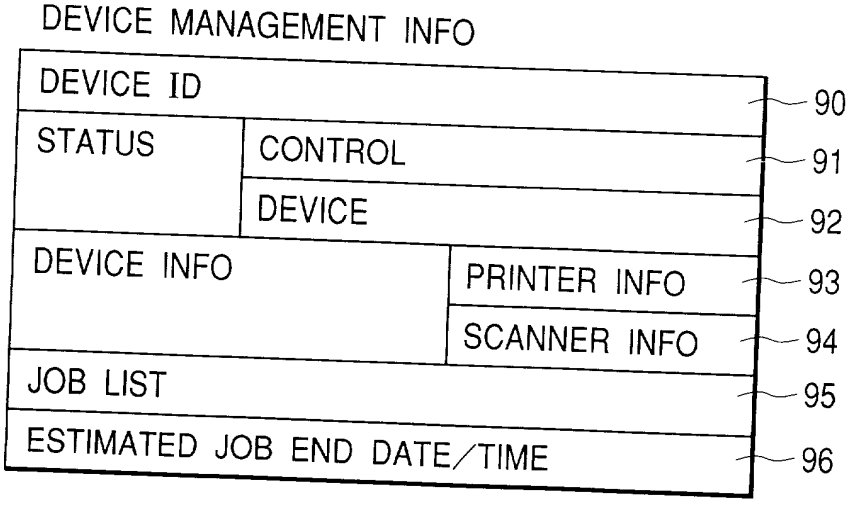
DEVICE MANAGEMENT INFO
DEVICE ID
90
STATUS
CONTROL
91
DEVICE
92
DEVICE INFO
PRINTER INFO
93
SCANNER INFO
94
JOB LIST
95
ESTIMATED JOB END DATE/TIME
96

FIG. 10

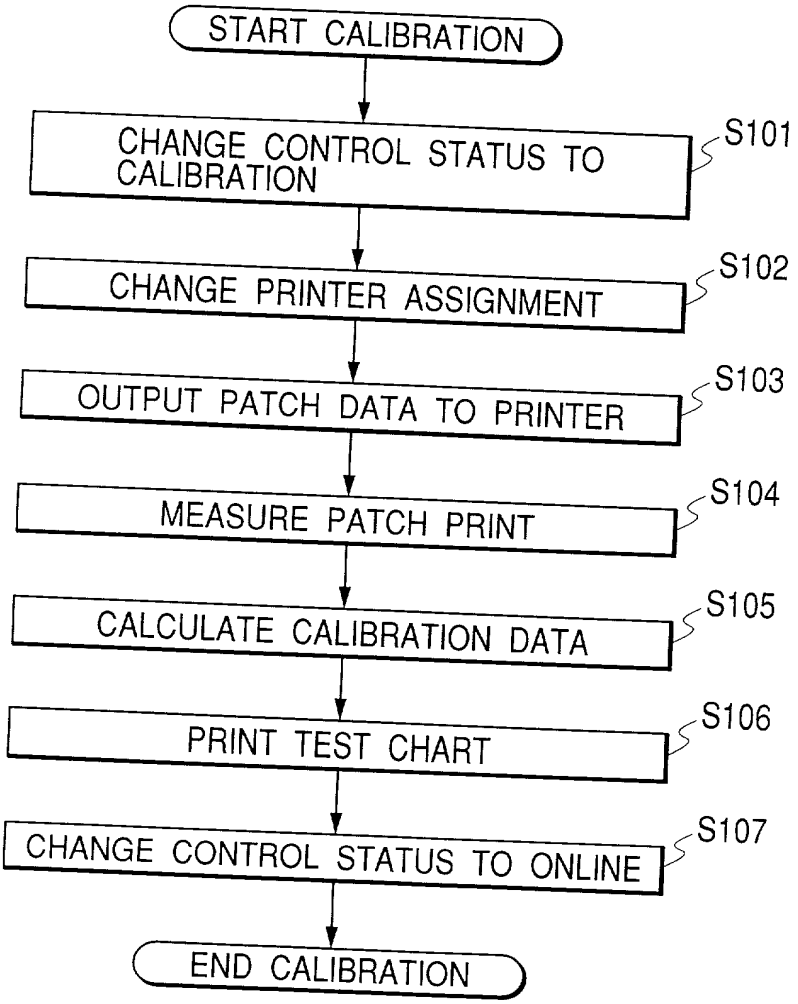
START CALIBRATION
CHANGE CONTROL STATUS TO CALIBRATION
S101
CHANGE PRINTER ASSIGNMENT
S102
OUTPUT PATCH DATA TO PRINTER
S103
MEASURE PATCH PRINT
S104
CALCULATE CALIBRATION DATA
S105
PRINT TEST CHART
S106
CHANGE CONTROL STATUS TO ONLINE
S107
END CALIBRATION

FIG. 11

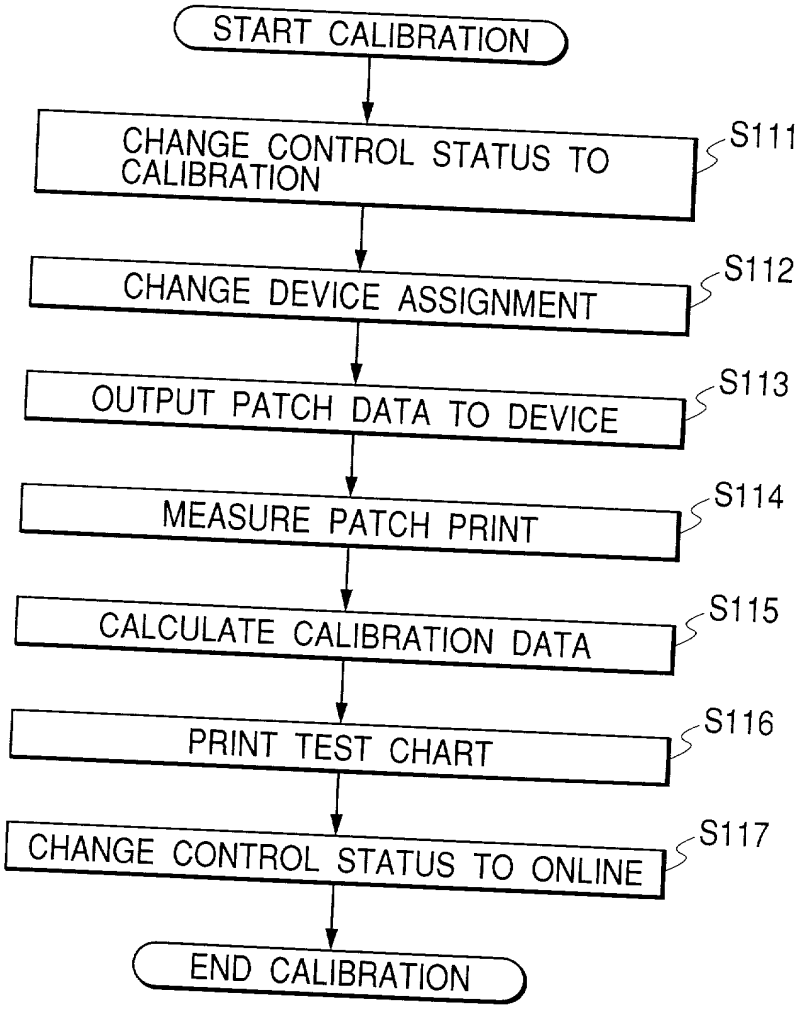

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FIG. 12

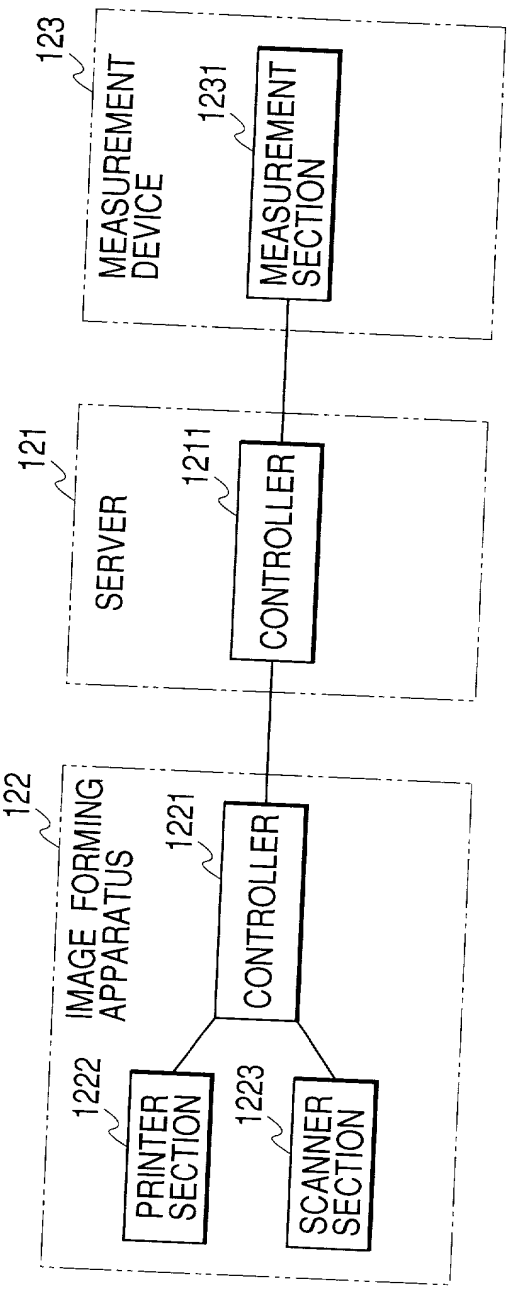

123
MEASUREMENT DEVICE
1231
MEASUREMENT SECTION
121
SERVER
1211
CONTROLLER
122
IMAGE FORMING APPARATUS
1221
CONTROLLER
1222
PRINTER SECTION
1223
SCANNER SECTION

FIG. 13

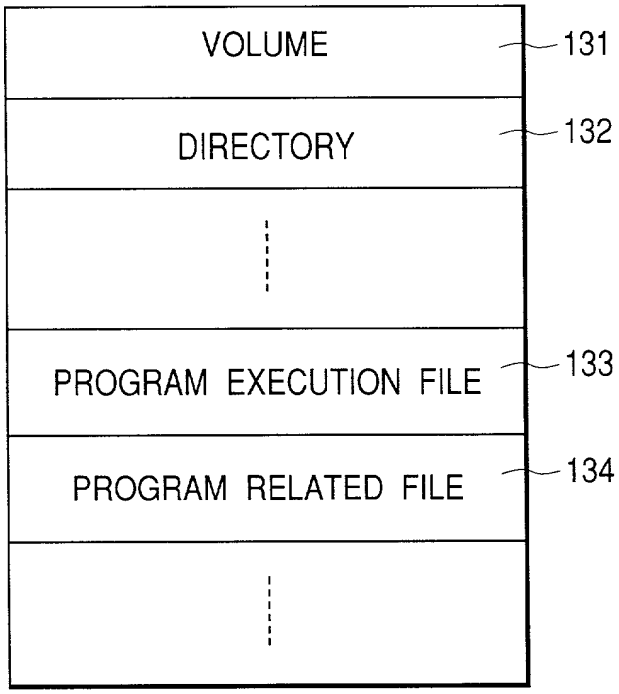
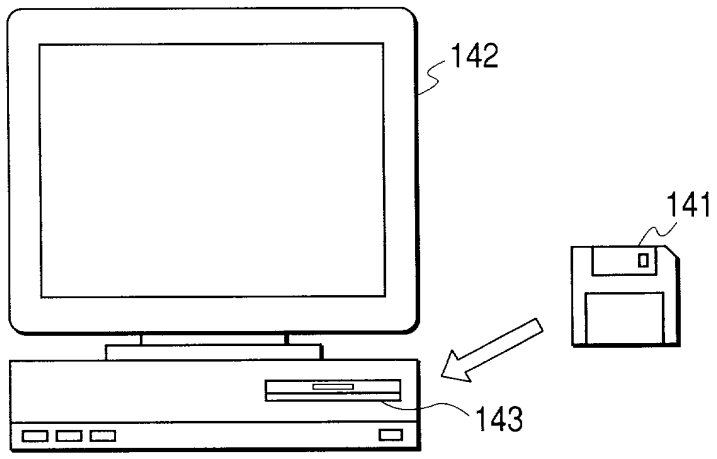

VOLUME
131
DIRECTORY
132
PROGRAM EXECUTION FILE
133
PROGRAM RELATED FILE
134

FIG. 14


142
141
143